PROCESSED AT :
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Tests you can trust

Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400703 98706 66333 wellness@thyrocare.com

9 out of 10 Doctors Trust that Thyrocare Reports are Accurate & Reliable

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : HEMOGRAM

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	VALUE	UNITS	Bio. Ref. Interval.
TOTAL LEUCOCYTES COUNT (WBC)	4.93	X 10³ / µL	4.0 - 10.0
NEUTROPHILS	69.2	%	40-80
LYMPHOCYTE	**19.3**	**%**	**20-40**
MONOCYTES	6.5	%	2-10
EOSINOPHILS	4.3	%	1-6
BASOPHILS	0.4	%	0-2
IMMATURE GRANULOCYTE PERCENTAGE(IG%)	0.3	%	0-0.5
NEUTROPHILS - ABSOLUTE COUNT	3.41	X 10³ / µL	2.0-7.0
LYMPHOCYTES - ABSOLUTE COUNT	**0.95**	**X 10³ / µL**	**1.0-3.0**
MONOCYTES - ABSOLUTE COUNT	0.32	X 10³ / µL	0.2 - 1.0
BASOPHILS - ABSOLUTE COUNT	0.02	X 10³ / µL	0.02 - 0.1
EOSINOPHILS - ABSOLUTE COUNT	0.21	X 10³ / µL	0.02 - 0.5
IMMATURE GRANULOCYTES(IG)	0.01	X 10³ / µL	0-0.3
TOTAL RBC	4.69	X 10^6/µL	4.5-5.5
NUCLEATED RED BLOOD CELLS	0.01	X 10³ / µL	0.0-0.5
NUCLEATED RED BLOOD CELLS %	0.01	%	0.0-5.0
HEMOGLOBIN	13.7	g/dL	13.0-17.0
HEMATOCRIT(PCV)	42.2	%	40.0-50.0
MEAN CORPUSCULAR VOLUME(MCV)	90	fL	83.0-101.0
MEAN CORPUSCULAR HEMOGLOBIN(MCH)	29.2	pq	27.0-32.0
MEAN CORP.HEMO.CONC(MCHC)	32.5	g/dL	31.5-34.5
RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)	45.1	fL	39-46
RED CELL DISTRIBUTION WIDTH (RDW-CV)	**14.2**	**%**	**11.614**
PLATELET COUNT	171	X 10³ / µL	150-410

Remarks : Alert!!! Predominantly normocytic normochromic with ovalocytes. Platelets:Appear adequate in smear.

Please Correlate with clinical conditions.
Method : Fully automated bidirectional analyser (6 Part Differential SYSMEX XN-1000)
(This device performs hematology analyses according to the Hydrodynamic Focussing (DC method), Flow Cytometry Method (using a semiconductor laser), and SLS- hemoglobin method)

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : EDTA
Labcode :
Barcode :

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NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : GASTRO / GUT HEALTH PANEL

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
AMYLASE	PHOTOMETRY	34	U/L

Bio. Ref. Interval. :-

Adults : 28-100 U/L

Interpretation:
Lipemic Sera (Hypertriglyceridemia) may contain inhibitors, Which falsely depress results. About 20% of patients with Acute Pancreatitis have abnormal lipids. Normal serum amylase may occur in Pancreatitis, Especially relapsing and chronic pancreatitis. Moderate increases may be reported in normal pregnancy.

Clinical Significance:
Causes of high Serum Amylase include Acute Pancreatitis, Pancreatic Pseudocyst, Pancreatic Ascites, Pancreatic Abscess, Neoplasm in or adjacent to Pancreas, Trauma to Pancreas, and common Duct Stones. Nonpancreatic Causes include inflammatory salivary lesions (Eg, Mumps), Perforated Peptic Ulcer, Intestinal Obstruction, Biliary Tract Disease, Peritonitis, Acute Appendicitis, Diabetic Ketoacidosis, and Extrapancreatic Carcinomas. Amylase levels more than 25-fold the upper limit of normal are often found when metastatic tumors produce Ectopic Amylase.

Specifications:
Precision: Intra assay (%CV): 2.82, Inter assay (%CV): 2.49, Sensitivity: 10.9 U/L.

Kit Validation References:
Rauscher, E., et coll., Fresenius Z. Analyt. Chem. 324 (1986) 304-305.

Please correlate with clinical conditions.
Method:- ENZYMATIC COLORIMETRIC TEST

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

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NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : GASTRO / GUT HEALTH PANEL

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
LIPASE	PHOTOMETRY	38	U/L

Bio. Ref. Interval. :-

Adults : 5.6 - 51.3 U/L

Interpretation:

For diagnostic purposes, the results should always be assessed in conjunction with the patient's medical history, clinical examination and other findings like serum amylase. Serum Lipase is usually normal in patients with elevated serum amylase, having peptic ulcer, salivary adenitis, inflammatory bowel disease, intestinal obstruction, and macroamylasemia. Lipemic sera may interfere with results.

Clinical Significance:
High serum Lipase is a specific marker for pancreatitis; after acute pancreatitis the Lipase activity increases within 4-8 hours, reaches a peak after 24 hours and decreases after 8 to 14 days. However, there is no correlation between the Lipase activity determined in serum and the extent of damage to the pancreas.

Specifications:
Precision: Intra assay (%CV): 3.35, Inter assay (%CV): 2.46, Sensitivity: 3.5 U/L.

Kit Validation References:
Tietz Nw Et Al. Lipase In Serum - The Elusive Enzyme: An Overview. Clin Chem 1993; 39:746-756.

Please correlate with clinical conditions.
Method:- ENZYMATIC COLORIMETRIC ASSAY

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

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NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : GASTRO / GUT HEALTH PANEL

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
ALKALINE PHOSPHATASE	PHOTOMETRY	74.2	U/L	45-129
BILIRUBIN - TOTAL	PHOTOMETRY	0.81	mg/dL	0.3-1.2
BILIRUBIN -DIRECT	PHOTOMETRY	0.13	mg/dL	< 0.3
BILIRUBIN (INDIRECT)	CALCULATED	0.68	mg/dL	0-0.9
GAMMA GLUTAMYL TRANSFERASE (GGT)	PHOTOMETRY	13.78	U/L	< 55
SGOT / SGPT RATIO	CALCULATED	0.73	Ratio	< 2
ASPARTATE AMINOTRANSFERASE (SGOT)	PHOTOMETRY	25.09	U/L	< 35
ALANINE TRANSAMINASE (SGPT)	PHOTOMETRY	34.22	U/L	< 45
PROTEIN - TOTAL	PHOTOMETRY	7.38	gm/dL	5.7-8.2
ALBUMIN - SERUM	PHOTOMETRY	4.41	gm/dL	3.2-4.8
SERUM GLOBULIN	CALCULATED	2.97	gm/dL	2.5-3.4
SERUM ALB/GLOBULIN RATIO	CALCULATED	1.48	Ratio	0.9 - 2

Please correlate with clinical conditions.

Method :

ALKP - MODIFIED IFCC METHOD
BILT - VANADATE OXIDATION
BILD - VANADATE OXIDATION
BILI - DERIVED FROM SERUM TOTAL AND DIRECT BILIRUBIN VALUES
GGT - MODIFIED IFCC METHOD
OT/PT - Derived from SGOT and SGPT values.
SGOT - IFCC* WITHOUT PYRIDOXAL PHOSPHATE ACTIVATION
SGPT - IFCC* WITHOUT PYRIDOXAL PHOSPHATE ACTIVATION
PROT - BIURET METHOD
SALB - ALBUMIN BCG¹METHOD (COLORIMETRIC ASSAY ENDPOINT)
SEGB - DERIVED FROM SERUM ALBUMIN AND PROTEIN VALUES
A/GR - DERIVED FROM SERUM ALBUMIN AND PROTEIN VALUES

~~ End of report ~~

Sample Collected on (SCT) : Sample collection time
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Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

CONDITIONS OF REPORTING

- The reported results are for information and interpretation of the referring doctor only.
- It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- This report is not valid for medico-legal purpose.
- Neither Thyrocare, nor its employees/representatives assume any liability, responsibility for any loss or damage that may be incurred by any person as a result of presuming the meaning or contents of the report.
- Thyrocare Discovery video link :- https://youtu.be/nbdYeRgYyQc
- For clinical support please contact @8450950852,8450950853,8450950854 between 10:00 to 18:00

EXPLANATIONS

- Majority of the specimen processed in the laboratory are collected by Pathologists and Hospitals we call them as "Clients".
- **Name** - The name is as declared by the client and recored by the personnel who collected the specimen.
- **Ref.Dr** - The name of the doctor who has recommended testing as declared by the client.
- **Labcode** - This is the accession number in our laboratory and it helps us in archiving and retrieving the data.
- **Barcode** - This is the specimen identity number and it states that the results are for the specimen bearing the barcode (irrespective of the name).
- **SCP** - Specimen Collection Point - This is the location where the blood or specimen was collected as declared by the client.
- **SCT** - Specimen Collection Time - The time when specimen was collected as declared by the client.
- **SRT** - Specimen Receiving Time - This time when the specimen reached our laboratory.
- **RRT** - Report Releasing Time - The time when our pathologist has released the values for Reporting.
- **Reference Range** - Means the range of values in which 95% of the normal population would fall.

SUGGESTIONS

- Values out of reference range requires reconfirmation before starting any medical treatment.
- Retesting is needed if you suspect any quality shortcomings.
- Testing or retesting should be done in accredited laboratories.
- For suggestions, complaints or feedback, write to us at **info@thyrocare.com** or call us on **022-3090 0000 / 61 30 00**
- SMS:<Labcode No.> to **9666333**

*As per a survey on doctors' perception of laboratory diagnostics (IJARIIT,2023)